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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

|                        |                   |
|------------------------|-------------------|
| Application Number     | 09/869,887        |
| Filing Date            | February 20, 2002 |
| First Named Inventor   | McAleer           |
| Group Art Unit         | 1753              |
| Examiner Name          | Noguerola, A.S.   |
| Attorney Docket Number | DDI-005           |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>mm-dd-yyyy | Pages, Columns, Lines,<br>where relevant passages or<br>relevant figures appear |
|----------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
|                      |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |   |
| Cn                   |                          | 4,195,129            |                                      | Fukui et al.                                       | 03/25/80   |   |
|                      |                          | 4,418,148            |                                      | Oberhardt  | 11/28/83   |   |
|                      |                          | 4,655,880            |                                      | Liu  | 04/07/87   |   |
|                      |                          | 4,878,205            |                                      | Green et al.                                       | 10/24/89   |   |
|                      |                          | 4,966,671            |                                      | Nylander et al.                                    | 10/30/90   |   |
|                      |                          | 5,120,420            |                                      | Nankai et al.                                      | 06/09/92   |   |
|                      |                          | 5,124,253            |                                      | Foukds et al.                                      | 06/23/92   |   |
|                      |                          | 5,128,034            |                                      | Carter et al.                                      | 06/30/92   |   |
|                      |                          | 5,141,868            |                                      | Shanks et al.                                      | 08/25/92   |   |
|                      |                          | 5,262,035            |                                      | Gregg et al.                                       | 11/16/93   |   |
| Cn                   |                          | 5,284,106            |                                      | McAleer et al.                                     | 11/23/93   |   |
|                      |                          | 5,286,362            |                                      | Hoernes et al.                                     | 02/15/94   |   |
|                      |                          | 5,288,636            |                                      | Potmann et al.                                     | 02/22/94   |   |
|                      |                          | 5,378,628            |                                      | Gratzel et al.                                     | 01/03/95   |   |
|                      |                          | 5,437,999            |                                      | Diebold et al.                                     | 08/01/95   |   |
|                      |                          | 5,565,085            |                                      | Ikeda et al.                                       | 10/15/96   |   |
|                      |                          | 5,582,697            |                                      | Ikeda et al.                                       | 12/10/96   |   |
|                      |                          | 5,582,698            |                                      | Flaherty et al.                                    | 12/10/96   |   |
|                      |                          | 5,601,694            |                                      | Maley et al.                                       | 02/11/97   |   |
|                      |                          | 5,708,247            |                                      | McAleer et al.                                     | 01/13/98   |   |
|                      |                          | 5,185,256            |                                      | Nankai et al.                                      | 02/09/93   |   |
|                      |                          |                      |                                      |  |  |   |
|                      |                          |                      |                                      |  |  |   |
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|-----------------------|-----------------------|--------------------|----------|
| Examiner<br>Signature | <i>A.S. Noguerola</i> | Date<br>Considered | 12/16/04 |
|-----------------------|-----------------------|--------------------|----------|

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| <b>Examiner Name</b>          | Nogueroles, A.S.  |
| <b>Attorney Docket Number</b> | DDI-005           |

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|-----------------------|--------------------|--------------------|------------|
| Examiner<br>Signature | <i>Al. Karamer</i> | Date<br>Considered | 12/16/2004 |
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